

## **Addressable Tap with Channel Tier Functions**

### **ABSTRACT**

An addressable tap with channel tier function consisting of housing and a power supply module, a filter and demodulation module, a control module and RF switches inside said housing, which are electrically connected to said control module. Besides, it also includes secondary RF switches and high/low-pass filters. Each of said RF switches is electrically connected to at least to two secondary RF switches, which are electrically connected to said control module separately and at the same time connected to at least two low-pass filters to form a terminal together with said low-pass filters of said RF switch in parallel; Compared with the existing technology, the current invention has the following effects: Filter has high precision; Bandwidth/Channel isolation is higher than 50dB; it is only necessary to directly replace the existing non-addressable taps in CATV network with the current invention addressable taps without extra wiring. It is easy in installation at low costs.